

#### ABSTRACT OF THE DISCLOSURE

A process of producing a three-dimensionally shaped object comprising a layer forming step of forming a powder material having a refractive index  $n_1$  into a layer having a prescribed thickness on a support, a cross-sectional shape forming step of binding the layer of the powder material formed in the foregoing step into a prescribed cross-sectional shape with a binding agent having a refractive index  $n_2$ ; and repeating these steps successively, wherein  $n_1$  and  $n_2$  satisfy the relationship of  $-0.1 \leq (n_1 - n_2) \leq 0.1$ .